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**SUPPLEMENTARY
EUROPEAN SEARCH REPORT**

Application Number
EP 03 78 7510

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	✓ US 5 799 603 A (TELLINGTON WENTWORTH J) 1 September 1998 (1998-09-01)	1-5,7, 26-30,36	B63B1/14 B63B1/22
Y	* abstract; claims 1,8,9,11,12; figures 1,7 * * column 2, line 38 - line 49 * * column 3, line 47 - line 64 * * column 4, line 18 - line 21 * * column 5, line 41 - line 63 *	6,8-10	
X	✓ US 1 344 903 A (KOIRANSKY SIMON) 29 June 1920 (1920-06-29)	36	
A	* claim 1; figures 1-3,7,8 * * page 1, line 40 - line 45 * * page 1, line 71 - page 2, line 23 * * page 2, line 45 - line 54 * * page 2, line 85 - line 86 *	1-3,7, 26-30	
A	✓ US 5 592 894 A (JOHNSON HERRICK J) 14 January 1997 (1997-01-14)	1,5,7	
	* figures 1,11a,11b * * column 6, line 14 - line 31 *		TECHNICAL FIELDS SEARCHED (IPC)
Y	✓ US 6 270 098 B1 (HEYRING CHRISTOPHER B ET AL) 7 August 2001 (2001-08-07)	6,8-10	B63B
A	* figure 1 * * column 1, line 50 - line 56 * * column 5, line 14 - line 29 *	1-3,7, 12-17, 26-30	
X	✓ FR 2 451 312 A (VERNIER GABRIEL) 10 October 1980 (1980-10-10)	36	
A	* figures 1,2 * * page 1, line 49 - page 2, line 6 * * page 2, line 35 - line 46 *	1,7,30	
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 9 March 2006	Examiner Häusler, F.U.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document</p> <p>T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document</p>			

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EPO FORM 1603 03.02 (P04004)



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Application Number
EP 03 78 7510

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	<p>✓ US 5.097 916 A (BRANDSTADTER JACK M) 24 March 1992 (1992-03-24) * figures 1,2 * * column 8, line 48 - line 56 * * column 9, line 5 - line 42 * * column 10, line 1 - line 40 * * column 12, line 7 - line 52 * * column 13, line 13 - line 66 *</p>	1-3,7, 16,17	
			TECHNICAL FIELDS SEARCHED (IPC)
<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>			
Place of search		Date of completion of the search	Examiner
The Hague		9 March 2006	Häusler, F.U.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>..... & : member of the same patent family, corresponding document</p>			

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EPO FORM 1503 03.92 (P04034)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 03 78 7510

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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09-03-2006

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